Contents

Economic Botany Volume 54 Number 1

Plant Portraits

4 Items from the Lacebark Tree [*Lagetta lagetto* (W. Wright) Nash, Thymelaeaceae] from the Caribbean. *Georgina Pearman and Hew D. V. Prendergast*

Research

7 Homeotic Sexual Translocations and the Origin of Maize (*Zea mays*, Poaceae): A New Look at an Old Problem. *Hugh H. Iltis*

43 Isozymatic and Morphological Diversity in the Races of Maize of Mexico. *J. J. Sanchez G., M. M. Goodman, and C. W. Stuber*

60 A Regional Analysis of Maize Biological Diversity in Southeastern Guanajuato, Mexico. *José Alfonso Aguirre Gómez, Mauricio R. Bellon, and Melinda Smale*

73 Zapotec and Mixe Use of Tropical Habitats for Securing Medicinal Plants in Mexico. *B. Frei, O. Sticher, and M. Heinrich*

82 Use and Management of Totora (*Schoenoplectus californicus*, Cyperaceae) in Ecuador. *Manuel J. Macía and Henrik Balslev*

90 Introduced Plants in the Indigenous Pharmacopoeia of Northern South America. *Bradley C. Bennett and Ghillean T. Prance*

103 Pecan Food Potential in Prehistoric North America. *Grant D. Hall*

Departments

2 Letters and Comments
3 News & Notes
119 Book Reviews
133 Instructions for Authors

Notes on Economic Plants

113 An Endangered and Potentially Economic Tree of Mexico: *Tilia mexicana* (Tiliaceae). *Numa P. Pavón and Victor Rico-Gray*

114 The Search for "Kaladana" (*Ipomoea*, Convolvulaceae). *Daniel F. Austin*

Contents

Economic Botany Volume 54 Number 2

Plant Portraits

141 Walking Sticks As Seed Savers—The Case of the Jersey Kale [*Brassica oleracea* L. convar. *acephala* (DC.) alef. var. *viridis* L.]. *Hew D. V. Prendergast and Naomi Rumball*

Research

144 Waterblommetjie (*Aponogeton distachyos,* Aponogetonaceae), A Recently Domesticated Aquatic Food Crop in Cape South Africa with Unusual Origins. *Robert W. Pemberton*

150 *Cleome viscosa,* Capparidaceae: A Weed or a Cash Crop? *R. K. Maikhuri, R. L. Semwal, K. S. Rao, S. Nautiyal, and K. G. Saxena*

155 An Ethnobotanical Study in Central Anatolia. *Füsum Ertuğ*

183 Losing Knowledge About Plant Use in the Sierra de Manantlán Biosphere Reserve, Mexico. *Bruce F. Benz, Judith Cevallos E., Francisco Santana M., Jesus Rosales A., and S. Graf M.*

192 Properties of Paper Made from Fibers of *Hesperaloe funifera* (Agavaceae). *Steven P. McLaughlin*

197 Sago Palm (*Metroxylon sagu,* Arecaceae) Production in the Eastern Archipelago of Indonesia: Variation in Morphological Characteristics and Pith Dry-Matter Yield. *Hiroshi Ehara, Slamet Susanto, Chitoshi Mizota, Shohei Hirose, and Tadashi Matsuno*

207 Chemical Characterization of Basil (*Ocimum* spp.) Found in the Markets and Used in Traditional Medicine in Brazil. *Roberto F. Vieira and James E. Simon*

217 Domestication, Cultivation and Utilization of Two Small Millets, *Brachiaria ramose* and *Setaria glauca,* Poaceae in South India. *M. Kimata, E. G. Ashok, and A. Seetharam*

Departments

136 S. K. Jain, 1999 Distinguished Economic Botanist

137 Report by Gail E. Wagner, SEB President, 1998–1999

138 Letters and Comments

139 News & Notes

234 Book Reviews

246 Instructions for Authors

Notes on Economic Plants

228 *Solanum hygrothermicum,* an Endangered Cultivated Potato Species. *Carlos Ochoa and Donald Ugent*

229 Roasting the *Hechtia* Out of It: The Use of *Hechtia montana* (Bromeliaceae) As a Food Plant in Sonora, Mexico. *Richard S. Felger and David Yetman*

Contents

Economic Botany Volume 54 Number 3

Plant Portraits

254 Pollen Cakes of *Typha* spp. (Typhaceae)—'Lost' and Living Food. *Hew D. V. Prendergast, Max J. Kennedy, Rosemary F. Webby, and Kenneth R. Markham*

Special Report

256 The Master Basket Weavers of the Toluca Market Region (Mexico). *Donald Ugent*

Research

267 Harvesting Impact and Economic Value of *Geonoma deversa*, Arecaceae, an Understory Palm Used for Roof Thatching in the Peruvian Amazon. *César F. Flores and P. Mark S. Ashton*

278 Forest Plot as a Tool to Demonstrate the Pharmaceutical Potential of Plants in a Tropical Forest of Panama. *Angela I. Calderon, Cindy K. Angerhofer, John M. Pezzuto, Norman R. Farnsworth, Robin Foster, Richard Condit, Mahabir P. Gupta, and Djaja D. Soejarto*

295 Homegardens and their Role as a Main Source of Medicinal Plants in Mountain Regions of Catalonia (Iberian Peninsula). *Antoni Agelet, Maria Àngels Bonet, and Joan Vallès*

310 Unraveling the Commercial Market for Medicinal Plants and Plant Parts on the Witwatersrand, South Africa. *Vivienne L. Williams, Kevin Balkwill, and Edward T. F. Witkowski*

328 Differential Utilization and Ethnobotany of Trees in Kitulanghalo Forest Reserve and Surrounding Communal Lands, Eastern Tanzania. *Emmanuel J. Luoga, E. T. F. Witkowski, and Kevin Balkwill*

344 Medicinal Plants Used by Latino Healers for Women's Health Conditions in New York City. *Michael J. Balick, Fredi Kronenberg, Andreana L. Ososki, Marian Reiff, Adriane Fugh-Berman, Bonnie O'Connor, Maria Roble, Patricia Lohr, and Daniel Atha*

358 Forest Use at the Pacific Coast of Chocó, Colombia: A Quantitative Approach. *Gloria Galeano*

377 A Biological Framework for Understanding Farmers' Plant Breeding. *David A. Cleveland, Daniela Soleri, and Steven E. Smith*

395 Cultivation and Use of *Isatis tinctoria* L. (Brassicaceae) in Southern Italy. *Carmine Guarino, Paolo Casoria, and Bruno Menale*

Departments

251 Letters and Comments
252 News and Notes
404 Book Reviews
414 Sir Otto Frankel
416 Instructions for Authors

Notes on Economic Plants

401 Customary Uses of Ironweed (*Vernonia fasciculata*) by the Yuchi in Eastern Oklahoma, USA. *Jason Baird Jackson*

Contents

Economic Botany Volume 54 Number 4

Plant Portraits

424 Preserving the Gourd Perspective (*Lagenaria siceraria* (Molina) Standl. [Cucurbitaceae]). *Hew D. V. Prendergast and Deena S. Decker-Walters*

Special Report

427 Medicine, Myths and Magic: The Folk Healers of a Mexican Market. *Donald Ugent*

Research

439 Chufa (*Cyperus esculentus* L. var. *sativus* Boeck.): An Unconventional Crop. Studies Related to Applications and Cultivation. *Bernardo Pascual, J. Vicente Maroto, Salvador López-Galarza, Alberto Sanbautista, and José Alagarda*

449 Economic Botany of *Spondias purpurea* (Anacardiaceae) in Ecuador. *Manuel J. Macía and Anders S. Barfod*

459 Human Aspects of Plant Diversity. *S.K. Jain*

471 The American Mayapple Revisited—*Podophyllum peltatum*—still a Potential Cash Crop? *Rita M. Moraes, Charles Burandt Jr., Markus Ganzera, Xingli Li, Ikhlas Khan, and Camilo Canel*

477 The Archaeological Remains of *Leucaena* (Fabaceae) Revised. *Sergio Zárate*

500 The Diverse Uses of Fish-Poison Plants in Northwest Guyana. *Tinde van Andel*

513 Utilization of Mangrove Wood Products around Mida Creek (Kenya) Amongst Subsistence and Commercial Users. *F. Dahdouh-Guebas, C. Mathenge, J. G. Kairo, and N. Koedam*

528 Wild Plants in the Diet of Arhorchin Mongol Herdsmen in Inner Mongolia. *Khasbagan, Hu-Yin Huai and Sheng-Ji Pei*

537 *Zawan* and Tares in the Bible. *Lytton John Musselman*

Departments

419 James A. Duke, 2000 Distinguished Economic Botanist
420 Report by Beryl Simpson, SEB President, 1999–2000
421 Letters and Comments
422 News & Notes
551 Book Reviews
560 Books Received
563 Volume 54: Index of Book Reviewers
563 Volume 54: Index to Book Reviews
567 Manuscript Reviewers: 2000
568 Volume 54: Index to Authors and Titles of Papers
572 Volume 54: Index to Subjects
574 Instructions for Authors
bmii Statement of Ownership

Notes on Economic Plants

538 Amazon: fauna, flora, and potential (bio)processing applications. *Jose D. Fontana, Robert D. Tanner, Gonçalo S. de Farias, William A. Rodrigues, Maria A. de Jesus, and Spartaco Astolfi Fo.*